

	L #	Hits	Search Text
1	L1	12337	(visual\$4 view\$3 display\$3 presentation) adj3 (manager handler engine mechanism applet program application code) same (customiz\$5 inuput\$4 entry alter\$5 chang\$3 modif\$4 edit\$3)
2	L2	166	((web internet html http advertis\$5) adj2 server webserver) and advertis\$5 and 1
3	L4	23	2 and second adj3 (window browser channel connection link\$3)
4	L6	142	(verif\$7 certif\$7) with advertise\$4
5	L7	21	6 and (java\$6 applet)
6	L8	21	6 and (java\$6 applet plug adj in plugin)
7	L9	1546	(java\$6 applet plug adj in plugin script instructions) with content with (presesnt\$5 display\$3 view\$3)
8	L10	6	6 and 9
9	L12	51	send\$3 adj3 (command request signal instruction code message notif\$7) with (user client subscriber consumer customer) with second adj2 (channel link\$3 connection windows browser)
10	L13	4	12 and advertise\$4
11	L14	0	12 and advertise\$4 and java\$6
12	L15	2	12 and advertise\$4 and (applet plug\$3)
13	L16	746	(command request signal instruction code message notif\$7) with (user client subscriber consumer customer) with second adj2 (channel link\$3 connection windows browser)
14	L17	7	16 and advertise\$4 and (applet plug\$3 java\$6)

	Hits	Search Text
1	55	(web internet) same (file document) with content with instruction
2	5	(web internet) same java same (multimedia video with (audi\$3 sound voice speech\$3) with (text imag\$3)) and (file document) with content with instruction
3	37	(web internet html http) and java and (multimedia video with (audi\$3 sound voice speech\$3) with (text imag\$3)) and (file document) with content with instructions
4	5	(web internet html http) and java and advertisement with content with instructions
5	5	( (web internet html http advertis\$5) adj2 server webserver) and advertisement with content with instructions
6	10	(web internet html http advertis\$5 ad) adj2 server and advertis\$5 with content with instructions
7	4	(advertis\$5 ad) adj2 server and advertis\$5 with content with instructions
8	506	(web internet html http advertis\$5 ad) adj2 server and (user client subscriber consumer customer) with (open\$4 start\$3 initia\$4 execut\$4 generat\$3) near3 second
9	52	(web internet html http advertis\$5 ad) adj2 server and (user client subscriber consumer customer) with (open\$4 start\$3 initia\$4 execut\$4 generat\$3) near3 (other new second) with (send\$3 deliver\$3 download\$3 transmi\$4 receiv\$3) with (command\$3 instructions script code)
10	39	((web internet html http advertis\$5 ad) adj2 server and (user client subscriber consumer customer) with (open\$4 start\$3 initia\$4 execut\$4 generat\$3) near3 (other new second) with (send\$3 deliver\$3 download\$3 transmi\$4 receiv\$3) with (command\$3 instructions script code) ) not ("2000" "2001" "2002" "2003" "2004").ay.
11	9	(web internet html http advertis\$5 ad) adj2 server and (user client subscriber consumer customer) with (open\$4 start\$3 initia\$4 execut\$4 generat\$3) near3 (other new second) adj3 (channel link\$3 connect\$3 window) with (command\$3 instructions script code)

	Hits	Search Text
12	163	(web internet html http advertis\$5 ad) adj2 server and (user client subscriber consumer customer) with (other new second) adj3 (channel link\$3 connect\$3 window) with (accept\$4 transfer\$4 receiv\$3 download\$3)
13	15	(web internet html http advertis\$5 ad) adj2 server and (user client subscriber consumer customer) with (open\$4 start\$3 initia\$4 execut\$4 generat\$3) near3 (other new second) adj3 (channel link\$3 connect\$3 window) with (accept\$4 transfer\$4 receiv\$3 download\$3)
14	5	(web internet html http advertis\$5 ad) adj2 server and (user client subscriber consumer customer) with (open\$4 start\$3 initia\$4 execut\$4 generat\$3) near3 (other additional second) adj3 (channel link\$3 connect\$3 window) with (accept\$4 transfer\$4 receiv\$3 download\$3)
15	0	gish.inv. and advertise\$4
16	15	gish.inv. and (web internet) and presentation
17	1	(web internet html http advertis\$5 ad) adj2 server and (user client subscriber consumer customer) with (open\$4 start\$3 initia\$4 execut\$4 generat\$3) near3 (other additional second) adj3 (channel browser) with (accept\$4 transfer\$4 receiv\$3 download\$3)
18	188	(web internet html http advertis\$5 ad) adj2 server and (user client subscriber consumer customer) with (other additional second) adj3 (channel browser)
19	7	(web internet html http advertis\$5 ad) adj2 server and (user client subscriber consumer customer) with (other additional second) adj3 (channel browser) with command\$3



US005915001A

# United States Patent [19]

## Uppaluru

[11] Patent Number: **5,915,001**  
[45] Date of Patent: **Jun. 22, 1999**

[54] **SYSTEM AND METHOD FOR PROVIDING  
AND USING UNIVERSALLY ACCESSIBLE  
VOICE AND SPEECH DATA FILES**

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[21] Appl. No.: **08/748,943**

[22] Filed: **Nov. 14, 1996**

[51] Int. Cl.<sup>6</sup> ..... **H04M 1/64**

[52] U.S. Cl. .... **379/88.22; 379/88.17**

[58] Field of Search ..... 379/67, 88, 89,  
379/93.05, 201, 67.1, 88.01, 88.04, 88.16,  
88.17, 88.19, 88.2, 88.21, 88.22, 88.23,  
88.24, 88.27; 704/270, 271, 272, 275; 370/401;  
395/200.3, 200.33, 200.47, 200.48, 200.49,  
200.55

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[57]

**ABSTRACT**

A system and method provides universal access to voice-based documents containing information formatted using MIME and HTML standards using customized extensions for voice information access and navigation. These voice documents are linked using HTML hyper-links that are accessible to subscribers using voice commands, touch-tone inputs and other selection means. These voice documents and components in them are addressable using HTML anchors embedding HTML universal resource locators (URLs) rendering them universally accessible over the Internet. This collection of connected documents forms a voice web. The voice web includes subscriber-specific documents including speech training files for speaker dependent speech recognition, voice print files for authenticating the identity of a user and personal preference and attribute files for customizing other aspects of the system in accordance with a specific subscriber.

**11 Claims, 12 Drawing Sheets**

